

## COMPLETED

Is The New Plant Of The Mt. Vernon Bridge Co.

And Inspected By A Committee Of Citizens

Representing Citizens' Association On Monday

Company More Than Doubled Former Capacity

A Description Of The New Up-To-Date Plant

On Monday afternoon, a committee from the Mt. Vernon Citizens' Association consisting of a number of business men of the city, paid a visit to the Mt. Vernon Bridge Co.'s shops, which have for the past several months been under process of construction. The officers of the company requested the Citizens' Association, which had worked with a will to secure the \$25,000 subscription for the bridge works after the fire last winter, to send a committee to view the work which has been done in completing the new plant and to satisfy themselves that the money subscribed by the citizens of the city, had been well used and to the best possible purpose in erecting and equipping the large and modern establishment. The committee acted in accordance with the request and on Monday afternoon the visit was made.

First when the shop was reached, the committee was escorted to the office where the draftsmen and bookkeepers, etc., were busy at their work of drawing and preparing plans and drawings of a various nature and figuring with a diligence which denotes the strict discipline necessary in a plant of this nature. The office is equipped with a large fire proof vault for the safekeeping of plans, drawings and other valuable articles vital in the workings of the great establishment.

From the office, the party was taken to the new templet shop where fifteen templet makers were busily at work making what is sometimes called patterns but here they are called templets. This is an interesting place to visit and study. The templets are made of the best pine obtainable and are constructed by skilled workmen and with the most accurate instruments. Each templet corresponds exactly with the piece of iron work which is to be constructed to be placed in its proper place in the bridge or whatever the contract might be. The templets are used two or three times until they become too frail to be accurate and then they are discarded and new ones made. Before the fire, there were five men employed as templet makers in this shop and now, there are fifteen men busy at work all of the time. The building is constructed of non-inflammable materials, the walls being of concrete and brick and the ceiling or roof of sheet metal, with a long sky light in the center. This building is forty feet wide and one hundred and twenty-eight feet in length.

From the templet shop, the tour was continued into the general or main shop. Here is where the visitor meets with wonders that he never conceived of before and is amazed at the regularity in which the various apparatuses and machines are propelled and operated. Machines for cutting heavy plate iron and sheet metal are in evidence. The operation and results given by these huge instruments are remarkable. Large sheets of wrought iron are sheared as smoothly and apparently without any more effort than a tailor cuts a piece of goods with his scissors. The punching machine is even more powerful in appearance than the shearing machine. A thick piece of sheet metal is placed under the huge punch and a large perforation is made apparently with the ease of pushing an awl through a frail piece of leather.

Another machine with great power is the flattening machine. It consists of a number of huge steel rollers between which the crooked or bent iron must pass. When it comes through between the rollers, it is sufficiently straightened to be put to the use for which it was intended.

Probably the most powerful and useful machines in the shop are the air hoists. There are a large number of these, arranged in such a manner that they are not obstructed by any of the work and can be run on an overhead track from one side of the building to another. The remarkable use to which these hoists are brought was well demon-

strated on Monday afternoon. It happened that while the committee was inspecting this particular department, a huge portion of a girder was lifted by two hoists. The iron weighed many tons and without witnessing the demonstration, the majority of persons would believe that it would require an immense crane or derrick to hoist such a weight. The hoists are in such positions and are so constructed that all points of the main shop can be reached by the hooks and objects carried to any point.

The company has purchased one large machine which has not been set up completely as yet but it will be in the near future. It is a combination shearer and punch. It is equipped with a fifty horsepower motor and is on a turntable and can be turned in any direction.

The assembling department in the main shop is where the various parts made in readiness in the other departments are put together and riveted with wrought iron bolts. A number of men are engaged at this point and it is amazing to see the amount of work done apparently without any great effort.

The reamer is a machine for the enlarging and dressing of the rivet holes made by the punches. In very particular work, it is necessary to use the reamer in order to make the holes more exact. This huge machine is operated with ease and is propelled by electric power.

Attention must necessarily be attracted by the bolt maker. This is a noisy machine by which the steel rivets are made for the joining together of the pieces used in the construction of bridges or other steel work. It is a pleasure to witness the operation of the apparatus and to see the results. A long bar of wrought iron is heated to a white heat in a gas furnace and then thrust into a small hole in the end of the machine. It is so constructed that certain lengths of the hot metal bar are cut off and the small piece, which has been severed from the bar, is cooled to a certain degree and a head is rounded on one end. All of this is done by the machine, which will make between eight hundred and one thousand rivets in one hour.

The straightener is another apparatus in which an immense amount of power is shown. Crooked pieces are placed between the pressers of the straightener and they are brought out of the other side in such a condition to defy a level.

The plant is constructed of cement, brick and steel. The rafters or iron work near the roof are so constructed that the more pressure there is brought to bear upon them, the stronger they become. There are hundreds of tons of iron in the stringers and steel work of the supports. This will bring to mind one remarkable fact. There is an area two hundred and twenty-four feet in length and one hundred and thirty-five feet in width in the main shop with only one supporting column of steel to the ground. This is easily explained by the fact mentioned above, the supports above are in such a position that the more pressure brought to bear on them, the stronger they become.

The yards are practically the same as before the fire, although a trifle smaller, a fact due to the increase in the size of the buildings. Two derricks in the north yard are capable of lifting or hoisting any piece of work which is constructed in the plant. In the south yard, the immense derrick has a sweep of two hundred feet and will reach to almost any point in the yard.

Going outside to escape the din of the hammers and the machines in operation, it seems remarkable to look at the mammoth structure and know that it was erected in the space of only a few short months. The buildings are well lighted by the numerous panes of glass which are run entirely around the building. There are 13,365 of these panes and it was necessary to use almost four tons of putty in fastening them in their places. The building proper is 496 feet in length and 135 feet in width.

The engine room is supplied with the most up to date furnaces and has four boilers with a capacity of one hundred and fifty horse power each. There is also a foundation for the erection of two more boilers should they be found necessary for the carrying on of the work in the shop.

It is useless to say that the committee was greatly pleased after the tour of inspection had been completed and each and everyone of them was sincere in his expressions of pleasure and approval. It was found that the agreement made by the company had been fulfilled and not only had the capacity of the shop been doubled to that before the fire, but it has been tripled.

The company now employ 248 men to operate its various departments and the next payroll will probably show a greater number of employees. The Mt. Vernon Bridge Works was first put into operation thirteen years ago by Mr. James Israel, who is now a large stockholder, and was run on a very small plan. Mr. Israel stated on Monday afternoon that the entire force of workmen employed by the company thirteen years ago was six.

## NEEDLE

Removed From Woman's Foot After 40 Years

In the year 1873, when Mrs. Samuel T. Swartz, of Spring street, was a young woman, she stepped on a needle, a portion of which remained in the foot and although effort was made to locate the piece of steel it could not be found. Dr. Leander Firestone, at the time, said that she should not worry as he was sure the needle would never give her any trouble, nor has it until within the last few days. For a few days Mrs. Swartz has had an itching, burning sensation on the left shoulder which was treated with liniment in the hope of driving away the slight pain and the uncomfortable feeling. Friday morning Mrs. Swartz felt something on the shoulder and reaching to the spot was very much surprised to find the part of the needle which passed into her body through her foot and has traversed from the foot to the shoulder and out of the body. The piece of steel is nearly an inch long and was nearly as bright as when it went into the foot. Mrs. Swartz had forgotten all about the needle going in the foot until she found it sticking under the left shoulder. It is needless to say that as soon as the needle passed through the skin Mrs. Swartz was relieved of the itching and slight pain.—Wooster Republican.

## REMARKABLE CAREER

Of Mrs. Kime As A Teacher, Covering Many Years

Mrs. Sarah Hill Kime, whose death last Sunday was chronicled in the Banner, had a remarkable career as a teacher, perhaps covering a longer period than any person who ever taught in Knox county. She attended school in Hayesville, Ashland county, Ohio, and commenced teaching at the early age of 14 years, her first school being near the Greentown church, and she continued teaching in Ashland county until 1859. Her parents then moved to Mt. Vernon, buying the property where she lived the most of her life and where she died. She commenced teaching in Mt. Vernon and adjoining townships after which she taught in the Central building of this city. Later she went to St. Louis where she taught night school and then to Hannibal, Mo., where she was principal for five years. She next taught at White Cloud, Kansas, and returned to this city and taught private school until October, 1884, after which she took up kindergarten work in the basement of the public library. She was married to Adam Kime September 17, 1886, and finished the term after her marriage. She organized the first kindergarten at Angola, Ind., and taught one summer there. Mrs. Kime was a member of the Baptist church from early girlhood.

## RESIGNATION

Of Miss Elser As Stenographer At Sanatorium

Trustees To Stop Trespassing On Grounds

The regular monthly meeting of the trustees of the Ohio State Sanatorium was held Tuesday at the institution east of the city. All members were present. Dr. S. P. Wise presided at the meeting.

The resignation of Miss Ona Elser of Columbus, stenographer at the institution since the opening, was tendered and accepted by the board. No one was selected to fill the vacancy.

Owing to the fact that there has been so many trespassing on the grounds the trustees determined to put up signs and erect fences in order to keep persons off the grounds. Only such persons will be allowed on the grounds who have business there. Recently the stock was turned loose by persons trespassing on the grounds.

Supt. Conwell stated that the new fire equipment for the institution would be installed before the next meeting of the board.

FOR SALE—200 wine and whisky barrels. California Wine House, Mansfield, Ohio.

FOR SALE—Cheap. Good, large work mare; good worker, single or double. Must sell; no use for her. See Col. L. G. Hunt, 36 Public Square, Citizens' phone 58 Red.

## AWARD

Contract To Mt. Vernon Bridge Co. For Two Bridges

Do County Commissioners At Monday's Session

The county commissioners in regular session on Monday awarded two contracts for bridges to the Mt. Vernon Bridge company. One was the Dugan bridge in Jackson township, the contract price being \$770. The second was the Thuma Run bridge in Morgan township for \$552.

**Guardian Appointed—**  
Clarence Reese has been appointed guardian of William Austin McArthur, giving bond in the sum of \$250 with Irvin Young and L. F. West as sureties.

**Application For Guardian—**  
Application has been made in probate court for the appointment of a guardian for John C. Roberts, an alleged imbecile. The application for the appointment will be heard by Judge Berry on September 27.

**Second Partial—**  
Thomas J. Higgins, executor of James Higgins, has filed a second partial account, showing the following: Received \$170.90, paid out the same amount.

**Marriage License—**  
John Styers, stone mason, and Sadie Davis, both of Zuck. Hendricks McKee, Justice of the Peace.

**Deeds Filed—**  
E. C. Rowand et al. to John W. Diehl, lot, Vernonview, \$125.  
Walter Hess to James H. Norrick, lot 12, Hurd and Israel's add., Howard, \$800.  
Anthony W. Jordan to Julia A. Jordan, lot 20, Norton's N. W. add., Mt. Vernon, \$1.  
Same to same, part lot 29, same add., \$1.

## STOCK

Of Millinery Goods Damaged By Water

Used To Put Out Fire In George Building

A destructive fire came near resulting on South Main street in the building owned by Mr. William George on Monday evening. At about nine o'clock, a bright light was seen in the third story of the building and an alarm was immediately sent in and the department arrived on the scene in a very short time. The hose was pulled up the stairway and a stream was played on the fire from within while another was sent up from the street. Before many minutes had elapsed the fire was extinguished. The water thrown from the hose ran through the floor over the second story and on through into the Fry millinery store on the first floor. The millinery stock was almost ruined by the great amount of water which poured through the ceiling. There was some insurance on the stock, but not nearly enough to cover the loss. The fire is supposed to have been started by an explosion of a gasolene stove, which was in a small room occupied by a number of young men as a club room on the third floor.

### FOR SALE—FINE HOME

Greatest bargain in Mt. Vernon for a home in the next 30 days. This property is a fine two-story brick house with eight rooms, large hall, pantry closets, good cellar, lot 80-foot front by 136 feet deep with an L. to alley 38x55, with large stable. The lot only lacks 450 square feet of two full sized town lots, and the lots alone are worth \$5,000 in this location. \$5,700 is the quick sale price of this home if sold soon. See Col. L. G. Hunt, 36 Public Square, Citizens' phone 58 Red.

**FARMS FOR SALE—**50 acres, 3 1/2 miles from city, price \$3,500. Also a stock and grain farm, containing 250 acres, has four producing gas wells. New 9-room dwelling. Price \$52 per acre. Stream & Rimer, if  
Miss Ruth Jefferson and Miss Lois Hunter of Danville went to Delaware, Ohio, Tuesday morning to enter Ohio Wesleyan University.

## WORK

Has Been Started On New Electric Power Plant

And Building Will Be Completed By Nov. 15

A large force of men is working on the excavating for the new power plant and in a few days work will begin on the foundation walls. Local conditions are so favorable that very rapid progress is expected.

Carloads of cement furnished by W. H. West of this city, are being received, together with stone and other materials necessary for the construction of the building. The lumber is being furnished by the local dealers. About 18 tons of cast iron pipe furnished by the Massillon Steel Co. will be used to conduct water from the river to the large condensers in the building.

The building will be fireproof, no wood whatever will be used in the construction. The walls will be brick, the floors concrete, and the roof will be of concrete and steel.

The steam turbines will be furnished by the Westinghouse Co. as will be the switchboard, the boilers by the Babcock & Wilcox Co. of New York, and other apparatus from a number of other companies.

Machinery is expected on the ground in three weeks and it is confidently expected that the plant will be delivering current not later than November 15th.

## REV. TOOMEY

To Be Installed As Pastor On Sunday

The installation services of Rev. M. Toomey as pastor of the Calvary Baptist church of Mt. Vernon will occur Sunday, September 25. Rev. Mr. Toomey comes to this city highly recommended. He was formerly of Ft. Wayne, Ind., but has been preaching in Ohio for several years. Some years ago he built the New Unity Baptist church in Cincinnati. He was educated in Roger William university, Nashville, Tenn., and received his theological training from Dane Theological Seminary, Cincinnati.

The following is the program for the installation services:

Song by the Choir.  
Invocation by Deacon Thos. Blake.  
Solo by Mrs. B. W. Black.  
Welcome address on behalf of A. M. E. Church by Mr. J. W. Hackley.  
Solo by Mrs. A. B. Toomey.  
Installation Sermon by Rev. J. H. Meadows.  
Song by the Choir.  
Charge to Pastor and Church by Rev. B. W. Clark.  
Collection.  
Benediction by Rev. M. Toomey, Pastor.

\*\*\*\*\*  
OBITUARY  
\*\*\*\*\*

**Mrs. Barbara Senst**  
Mrs. Barbara Senst died at the home of her daughter, Mrs. Ezekiel Severs, residing near Warsaw, Ohio, at about twelve o'clock Sunday. The death was caused by an attack of heart trouble, with which the deceased had been suffering for a period of about three months prior to her death. She was seventy-nine years of age and was a widow, survived by four sons and one daughter. The funeral at the house Tuesday afternoon at two o'clock. Interment in the Warsaw cemetery.

**Mrs. Lucinda Hess**  
Mrs. Lucinda Hess died at her home on West Vine street Monday afternoon at about 3:15 o'clock after a three weeks' illness caused by bladder trouble. The deceased was sixty-seven years of age at the time of her death and is survived by her husband, her mother, six sisters and two brothers.

**Mrs. Ray Bishop**  
Mrs. Ray Bishop died in the Protestant hospital, Columbus, Monday morning at about four o'clock after an extended illness caused by a complication of diseases. The deceased was about twenty-seven years of age at the time of her death and is survived by her husband. The remains were taken to the late home in Centerburg on Monday evening. The funeral at the house Wednesday afternoon at 1:30 o'clock, Rev. Eglin, officiating. Interment in the Centerburg cemetery.

## Tonic or Stimulant?

There is an immense difference between a tonic and a stimulant. Up one day, way back the next; that's a stimulant. Steady progress day by day toward perfect health; that's a tonic. Ayer's Sarsaparilla is a tonic, a strong tonic. It is Sarsaparilla entirely free from alcohol. Do not take it unless your doctor says so. Always ask him. As he says, J. C. Ayer Co., Lowell, Mass.

It is the one great cause of sick-headache, biliousness, indigestion, bad real, debility, nervousness. Has your doctor ever recommended Ayer's Pills to you?

## SOCIETY NOTES

**Welker-Dennis Wedding**  
Mr. Jay E. Welker and Miss Daisy M. Dennis, both of Butler township, were united in marriage Saturday afternoon by the Rev. A. B. Williams at his home.

**Entertained For Miss Russell**  
Miss Myrtle Gotshall delightfully entertained the members of the J. A. N. club at her home on North Mulberry street on Monday evening in honor of Miss Catherine Russell, who will leave shortly for Cincinnati, where she will enter the conservatory of music. The evening was very pleasantly spent in various kinds of games and in music. Ten guests were present to enjoy the event. Delicious refreshments were served. Miss Russell was presented with a beautiful bouquet of fall roses as a token of remembrance and good wishes of the club.

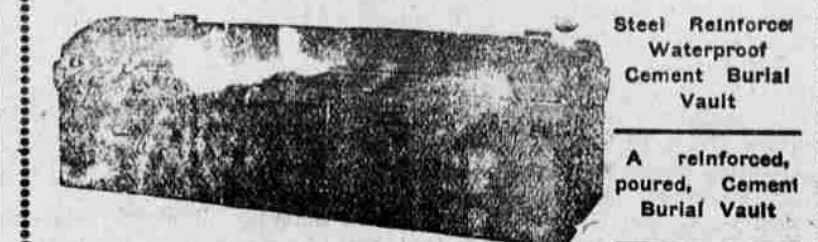
**Montis Family Hold Reunion**  
The annual reunion of the Rev. Samuel Montis family was held at Fredericktown on Saturday, September 17. The event was in honor of M. L. A. Montis, who has been absent for 6 years in St. Louis, Mo. Twenty-

six persons were present at the reunion, being the seven children, brothers and sisters of the aged couple and grand children and great grand children. The Rev. Mr. Montis is 80 years of age and his wife is 77. They have seven children and there has not been a death in the family. The children present were as follows: Mr. and Mrs. Stewart Baker, Mr. and Mrs. O. B. James, Mr. and Mrs. William Montis, all of Fredericktown; Mr. and Mrs. Mark Montis, Mr. and Mrs. Charles Spohn of Akron, O.; Mr. and Mrs. Charles Green and family, Mrs. Lydia Harding of Mt. Vernon; Mr. Orville Baker of Danville.

**Spitzer-Hammerle Wedding**  
Mr. DeWitt D. Spitzer, formerly of Mt. Vernon, son of Mr. and Mrs. J. A. Spitzer of this city, was united in marriage at 2 o'clock Wednesday afternoon to Miss Grace Hammerle, daughter of Mr. and Mrs. Peter Hammerle of 329 East Schiller street, Columbus. The ceremony was performed at the home of the officiating minister, Rev. R. Morgan. Mr. and Mrs. Spitzer will take a wedding trip, after which they will live at 180 West Eighth avenue, Columbus.

Mr. Russell Miller of Danville is spending the week with Mr. and Mrs. Stewart Montis of Fredericktown.

## THE NATIONAL



Steel Reinforced  
Waterproof  
Cement Burial  
Vault  
A reinforced,  
poured, cement  
Burial Vault  
Damp proof, does not corrode or rust, and always prevents a sunken grave. Not just as good, but better than any vault made from any material. Weight, 900 pounds. Prices reasonable. Manufactured by  
W. H. WEST, Mt. Vernon, O. Citizens' Phone 351 Red Bell Phone No. R-280 For Sale by all Undertakers

Be Sure To See  
**CLOUGH**  
Special Diamond Rings

\$6.00—\$7.50—\$10.00  
\$12.00—\$18.00—\$20.00  
\$25.00 and \$30.00  
Others up to \$200.00

Positively The Largest Stock  
In Mt. Vernon.

**4 Per Cent.**  
Are you receiving 3 pct. or 2 pct. or no interest on your bank account? We pay 4 pct. on savings, and invite all who have any kind of banking business to transact, to call and investigate our terms and facilities.

**The Guaranty Savings Bank & Trust Co.**  
MT. VERNON, O.  
OPEN SATURDAY EVENINGS UNTIL 8 O'CLOCK

## An Invitation

I cordially invite you to my Tailoring Parlor, to inspect my new Importations for Fall and Winter. Stock new and Nobby and Workmanship first class.

**John R. Doelfs**

PRACTICAL TAILOR AND CUTTER  
Opera House Block Mt. Vernon, O.